



#5

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/719,870
Source: PT/09
Date Processed by STIC: 3/7/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

PCT

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/719,870

DATE: 03/07/2001
 TIME: 11:38:54

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\03072001\I719870.raw

Does Not Comply
 Corrected Diskette Needed

4 <110> APPLICANT: MCGILL UNIVERSITY
 5 DAMHA, Masad, Jose
 6 PARNIAK, Michael, A.
 7 NORONHA, Anne, M.
 8 WILDS, Christopher
 9 BORKOW, Gadi
 10 ARION, Dominique
 12 <120> TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE CONSTRUCTS
 13 BASED ON BETA-ARABINOFURANOSE AND ITS ANALOGUES
 16 <130> FILE REFERENCE: 1770-206"PCT" FC/ld
 18 <140> CURRENT APPLICATION NUMBER: US/09/719,870
 18 <141> CURRENT FILING DATE: 2000-12-19
 18 <150> PRIOR APPLICATION NUMBER: CA 2,241,361
 19 <151> PRIOR FILING DATE: 1998-06-19
 21 <150> PRIOR APPLICATION NUMBER: PCT/CA99/00571
 22 <151> PRIOR FILING DATE: 1999-06-17
 24 <160> NUMBER OF SEQ ID NOS: 17
 26 <170> SOFTWARE: FastSEQ for Windows Version 3.0

ERRORED SEQUENCES

149 <210> SEQ ID NO: 12
 150 <211> LENGTH: 28
 151 <212> TYPE: RNA
 152 <213> ORGANISM: Artificial Sequence
 154 <220> FEATURE:
 155 <223> OTHER INFORMATION: Use as an oligomer
 157 <400> SEQUENCE: 12

E--> 158 ggagaggagg gattttuccc uccucucc

28

*It's not allowed in RNA sequence
 Use DNA as <212> response if sequence is combined
 DNA/RNA, and explain in <220> - <223> section
 (see 1.823 of new sequence Rules)*

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/719,870

DATE: 03/07/2001

TIME: 11:38:55

Input Set : A:\PTO.txt

Output Set: N:\CRF3\03072001\I719870.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application No
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:158 M:321 E: (1) "t" not allowed in RNA Sequence, NUMBER OF INVALID 't' KEYS:4